Collection no. 124 Central Western Australia

L. J. Chinnick

21/3 - 3/5/63

21-3-63

24614 Pt. Augusta

24631 Camped at light Sandy area bearing Kochia setifolia with scattered Acacia sp. (Myall). Perspylia sp. 9

22-3-63

Departed 24614

24832 Kingoonya

24908 Mt. Eba.

24919 Camped at light Pyrgotrichus serratus, Genus nov. 89 sp. 1 Spiralatta mawlata,

23-3-63 Departed 8 AM. Trap via Spiralatta serrata, Macrolobalia oullata Murkata.

25086 Main Rd Junct

25015 Coober Pedy

25120 Mt. Willoughby

25174 Welbourne Hill

25209 Marla Bore Camped at light 5.30pm. 8pm - 9 pm. Macrolobalia oullata, Chortoicetes terminifera, Pyrgotrichus serratus

24-3-63 Departed 8.15 am

25320 Mt. Cavanaught.

25335 Kulgera.

25350 = 25320 T. off. to Giles

25366 Victory Downs.

25380* Area of A. aneura, odd A. kempiana, mostly dead or in last stages of life, on desert loam. Understory nil. Ants & termites only. Area drought devestated

25417* Saddle in low sand dunes bearing scattered A. aneura, A. kempiana, with occas clumps of Euc. terminalis or dichromaflocia. Some dry with a few green bushes of Bassia sp (longicuspis?). Ants & termites only.

25459 Mulga Pk.

25462 Camped 6pm. at light Psycnoshictus striatus, Genus nov. 89 sp. 1, Macrolobalia callata
25-3-63 Departed. 8.15am.

25467* Sand plain bearing scattered A. aneura, A. ramulosa, A. tetragonaphylla and Myoporum sp.?. Area dominated by Triodia irritans?. Triodia dry; odd green tinge. Ants and termites only

25477* River King. Dry sandy bed lined with Euc camaldulensis, odd A. victoriae Upper banks bearing A. estrophiolata and a small phyllode Acacia shrub Ants and Termites only. Conditions dry.

25483. Gneiss and granite hills bearing A. aneura with odd Ficus sp. Low sand plain bearing A. aneura and Hakea laurena(?). Ground cover nil except for isolated patches of Salsola kali and apparent related genus. Ants + termites only.

25488 Sand plain area bearing scattered Genus no. 95 odbracia
A. aneura + A. estrophiolata. Ground cover drying Salsola kali.

25498 Musgrave Park – new Ab. Welfare station

25508 Creek area with scattered Euc sp.
Pycnostichus seriatus, Goniaea australasiae
dead Salsola + some Eragrostis tufts.

25530. Granite hill in middle of wide
Pycnostichus seriatus
sand plain. Hill bearing odd A. aneura, Callitris glauca and scattered Ficus. Sand plain area with scattered A. aneura, Pittosporum phylliodes with odd Hakea laurea (corkwood). Nearby scattered Cas decaisiana (desert oak). Ground cover, Triodia basedowii (dry).
Waramunga sp. PW23, Macrstona sp. 14

25546 Open sand plain bearing Triodia irritans + Plectrachne sp.; partially green.

25559 Bradell Spgs. Mt. Davies 75

Giles 193.

South branch to Ease Rd nr. Cheesman's Leak 9 8 miles.] 25561 Creek Xing; 25564 Creek Xing.

25570 Sand plain area with scattered Euc sp Pegenopsetes periatus papuana? and A. estrophiolata. Ground cover predominantly Salsola sp. mainly dry but with some areas of green. Eragrostis sp. aerspoda(?) as blackened butts.

25612 Sand plain at foot of outliers to the Apotropis vittata, Bonjedea vocans Tomkinson range; scattered Euc. Terminalis, with odd Hakea laurea. Ground cover dead Pletrachne sp and Salsola sp. Evidence of good past season seen by the dense ground cover of plant debris.

Macrolopalia occllata, Coryphistes rurícola

25625 Camped, 6.15pm. at light

26-3-63 Departed 8.45 a.m.

25641 Mt. Davies

25651 S.A.-W.A border.

25651* Gneiss strata hill bearing odd Euc. Terminalis, a A. aneura with dry Triodia sp on upper slopes - mixed grass - herbs as plant debris on lower ares. Ants - termites only.

25674 Sand plain bearing scattered clumps
Macrotona sp. 14, M. sp. 18, Genus nov. 95
of Euc. gamaphylla, odd A. aneura and kempiana
sp. 1, Desetaria longirugosa
with Pletrachne sp. dominant ground cover.

Pletrachne green but drying off.

Warrawinga sp. PW11, Genus nov. 95 sp. 1,
25684 Sand plain bearing Triodia basedowii
Desetaria longirugosa
with scattered clumps of A. aneura. Area as

a flat between red sand dunes.
Prorifera sp. P137, Genus nov. 64 sp. 1,
25748 Sandy Blight turn off. Camped.
Pycnostachys serialis
27-3-63 Departed Sandy Blight T. Off.

along road at 25748. Followed on to

25774 then returned.

25775 An area of desert loam bearing A. aneura.
Macrotona sp. 18, Pespulia sp. 8
A. anteriorus, A. kempiana with areas of Triodia
basedowii. Some root stock of Aristida sp or
Eragrostis eriopoda. Apart from greenish tinge
to some of the Triodia, area dry. A single
Euc papuana present.

25778 An area of A. aneura on pebbly
Genus nov. 6 sp. 2
quartzite area. Fresh green grass present around
butts of trees. (Eragrostis spp Bassia sp.).

25783 Creek with Euc papuana along its
Gonocarpus australasiae, Desetaria
margin. Miscellaneous grasses with Bassias
longirugosa, Pycnostachys serialis, Macrotona

modesta, Apotropis vittata, Macrotona
on the upper slopes - Some Eragrostis sp.
sp-8, Gonjaeoidea sp.1, Genus nov. 95 parvula
(setifolia, Aristida sp. with clumps of Eulalia
fulva). Partly green.

25800 Camp = 25748.

25800 left for Giles. Arrived 25820.

returned to 25840 - 25748.

28-3-63 To Giles - return. 25882 = 25748

29-3-63 Departed 10.15AM.

25910 = 25774.

25914 Lower slope of Range bearing A. aneura
Chortoicetes terminifera, Genus nov. 95 sp.4,
odd Euc sp. (pyriformis) Euc papuana and
sp.1, Genus nov.6 sp.2, Desertaria longingosa
A. in terioris. Ground cover predominantly
Triodia - Pletrachne with Atriplex under
Euc papuana canopies. Area mainly dry.
Warramunga sp. PW23, W. sp. PW11, Arbutina

25928 Sand plain at base of range:
atacnis, Austracris guttulosa, Desertaria
bearing scattered Euc. gamaphylla, occasional
longirugosa, Genus nov. 95 sp.4
Euc terminalis, odd Eremophila sp (starkii)
and small Acacia sp. Ground cover Triodia
basedowii, some Pletrachne with Eragrostis
setifolia. Sida, sp; Dicoryphis sp, as occasio-
als.

Warrawuna sp. PW11, Desertaria

25932 Turned off road to RH. Large chasm
Longirostra, Cyprascula, Pittipeps,
or defile leading out as creek within confine
Macrotona sp. 7, M. sp. 4, Lerista nov. 95
of high cliffs. Stoney sloping outer sides with
ochracea, Lerista nov. 95 sp. 4, Desertaria sp. 4,
Acacia spp. Euc. papuana and eventually R. aneura.
Perdillia picta, Sumbilvia sp. 8
Pletrachne sp, Themida and Cymbopogon spp.
Relatively green in comparison with other areas

25946. Sandy desert loam flat bearing
Chortoicetes terminifera
R. aneura and odd Euc brevifolia. Nearby.
Sand dune with Triodia on lower slopes, semi
stabilised crest with occasional Thryptomenia sp
and small Acacia sp - to 3ft. Very dry.
Lerista nov. 89 sp. 1
25949 Camped. 5pm - 10pm.

30
31-3-63 Vehicle returned to Giles. To
make up rear spring U-bolts returned at
26119. 26119 = 25949.

31-3-63 Departed 26119.

26127 Sandy desert loam flat bearing a
Adyeppters sp. 4
mixed Euc sp. (grey green leaf; cottony bark)
and Euc gamophylla with scattered H.
interioris and Hakea? sp (barbwire - Grevillea?)

Triodia forms dominant ground cover.
(T. basedowii). Area generally dry. Small
tufts of Aristida present confined mainly
around bases of odd A. aneura.

26138 Traver tine ridge bearing A. aneura
Warrameuga sp. PW1, R. trifera sp. P137(i),
A. estrophiolata and scattered A. tetragonophylla.
Genus nov. 95 sp. 4, Micrcola sp. 5
leading down into desert dune country.
Pletrachne sp. dominant ground cover with
T. basedowii occurring spasmodically.
Ar. vesicaria appearing in patches.
In wash area at end of ridge to sandhills
samphire sp a afgoon sp occurring as a good
cover.

26144 An area of Cas. decaisneana in
Genus nov. 95 sp. 1, Macrotona sp. 8
a basin between dunes. Triodea basedowii
as a dry ground cover with scattered tufts
of Aristida sp (Mulga grass) & Enneapogon nigricans.
Area dry.

26158 Traver tine - conglomerate bases.
Genus nov. 95 sp. 3, Pogonostictus setiatus
between dunes. Cas. decaisneana grove with
scattered A. cacaji sp (long phyllode)
~~intermedius~~. Pletrachne sp dominant
ground cover with occasional Triodia basedowii

Area dry.

26171 Turn off to left to Mt Fredrick Range.

26173 Creek area with scattered Euc camald, Porifera sp. P137, Pycnosticbus seriatus, Cas. decaisniana & Euc terminalis. Cassia sp Uromicella sp., Genus nov. 95 sp. 4, Gonioloidea sp. 9 and A. pratens dominant shrub stratum with Pletrachne sp. scattered along creek floor. Remnants of miscellaneous herb flora present but dry. [Callitolads from Cassia sp.].

26187 A flat between low stony rise bearing A. aneura & kempiana and Micrcola sp. 5, Pycnosticbus seriatus sand dunes. Area bears scattered A. interioris with A. pratens and Euc terminalis as occasionals. Triodia basedowii and Pletrachne sp form the ground cover (Pletrachne being dominant). Area dry.

26214 Area of A. aneura between sand dunes with odd A. kempiana & occasional Hakea leucoptera. Triodia Basedowii ground cover very dry. Pycnosticbus seriatus, Pesputia sp. 8

26223 Border W.A. – N.T.

26241 Sandy and pebbly area between dunes bearing Cas. decaisiana, Hakea leucoptera? and stunted A. interioris Ground cover entirely Triodia – irritans, basedowii with odd Pletrachne sp on upper slope of dunes. Thryptymenia sp. scattered along dune crests. Condition dry. Ants = termites only. 1 Pycnostictus.

26243 Camped 6-30 pm. 8pm - 9 pm

1-4-63 26243 = 33867 on other vehicle working on 2nd vehicle until other returns from Papunya.

33876 Sand plain bearing scattered clumps of Euc. Terminalis A. interioris and Eremophila sp. 11, Goniacta vocans, Goniacoidea sp. 9, sp as a thin cover to the dominant ground stratum of Triodia sp. Area generally dry. Scattered Euc. gamaphylla also occurs in a stunted form.

33890 Sand plain area bearing Triodia sp (Basedowii) with scattered Euc Terminalis, Hakea leucoptera and Euc. gamaphylla.

Area partly grass.

33892 Capricorn (Tropic) Beadell Blaze-
33904* Mt. Leake. Lower flat between
Mt. and small conglomerate hill. Stony
with Acacia, Euc terminalis and odd
Eremophila sp. Triodia longiceps on lower
flat and lower slopes of hill. Ants
termites only. Extremely dry.

33922 Open sand plain bearing Triodia
longiceps with widely spaced Euc gamaphylla
(blue mallee). Scattered Acacia spp. and
Hakea leucoptera occur. Area dry.
Eragrostis eriopoda & Aristida sp. form main
grass cover.

33922+ Sandy Blight Sunset Camped.

2-4-63

26626 [original] = 33922 Chorizetes terminifera, Dasytania longirugosa Defoliated.

26635 Open sand area bearing scattered
Genus nov. 95 sp. 1, Dasytania longirugosa
Euc. gamaphylla, Acacia sp., Hakea leucoptera
Eremophila sp (aturtii) and Acacia spp as
low shrubs. Trees + shrubs widely spaced.
Triodia sp (Basedowii ? longiceps ?) forms

the dominant ground cover. Scattered small tufts of Eragrostis eriopoda occur between Triodia tussocks. Area partly green.

26647 Similar to above with the exception that the area lies as a flat expanse between widely spaced sand dunes and Euc. gamophylla is replaced by Euc terminalis Triodia "haying-off".

26657 Sand plain area bearing mixed Eucs spp; E. dichromophloia, terminalis and several mallee forms. A. aneura, A. ligulata with occas. Cassia sp. Dominant ground cover Triodia sp. Conditions partially green but drying off.

21660 Area of junction between limestone and desert loams. Calmacris dicksa, Acacia aneura on desert loams. Desertaria longiraegoza, Pegeostichus A. kempiana on limestone and mulga on desert loam. Aristida arenaria dominant in patches with some mixed dead herb. Marabenia on Aristida.

26665. NT.-WA border →

of road at Border sign.
Smoke seen to NW ≈ 3-4 mile away (estimated
26666 Creek.

26670* Small stoney ridge (Deer Hills ?).
~~Eremophila sp~~ (mainly dead) odd stunted
A. aneura. No grass On lower slope only
grass root stocks evident. Ants & termites
only. [Follow 9 foot prints from 26669 along
road.]

26691* Gently sloping sandy area from
adjacent hills with strips of Melaleuca
glomeratum & Plectrachne and A. vesicaria
with succulent spps (related to samphire)
A. Kempeana occurs as an ecotone between
the areas of Melaleuca and saltbush.

26710* An area between dunes bearing
Eue. dichromophloia (malle growth form),
Melaleuca glomeratum with an understorey
of Triodia basedowii? the latter dry.
Ants & Termites only.

Gonioaea vocans, Genus nov. 64 sp. 1,
26733 Camped at light 8pm - 10-30pm
Dasyuroides longicaudata,
3-4-63 Departed 26733 Microcola sp. 4

Genus nov. 14 sp. 1, Urnisella sp.,

26745 Slight stony rise on wide sand
Pygmochlora striatus
plain, bearing stunted mallees, Euc gamophylla?
and Euc sp. (broad-leaf, large fruited sp) both
to 4ft. Triodia basedowii & Plectrachne sp.
mainly dry dominant surface cover.

26756 Low drainage area between low
Warramunga sp. PW1 (?)(j.), Stropis sp. 1,
broad sand rises; bearing Euc. Terminalis, Acacia
Eriglutes sp. dictyo, Macrotona sp. 8,
sp. & Eremophila sp. Remains of Triodia in base
Desertania longiungo sp., Genus nov. 95 sp. 4,
but present either side. Eragrostis setifolia &
Macrotona sp. 18, Austroeriogutta lona
eriopoda forming bulk of vegetative cover. Dead
miscellaneous remains of forbs & herbs.
Veg. dry.

25763 Start of Pollack Hills. Stony range
Macrozilla cervina, Genus nov. 64 sp. 1,
with sandy inter-hill area which bears
Desertania longiungo sp., Macrotona sp. 7
stunted mallee (broad leaf, red-stemmed). Hills
bearing Triodia basedowii, Plectrachne sp.
some Enneapogon. Sand area with Triodia
basedowii, Eragrostis set. folia & eriopoda
with miscellaneous shrubby herbs.
Warramunga sp. PW23, Genus nov. 57 sp. 1,

25780 As above. - other end of
Genus nov. 14 sp. 1, Desertania longiungo sp.,
Pollack hills. Buforania sp. (j.), Pygmochlora
striatus, Macrotona sp. (j.), Urnisella sp.

26791 Area between adjacent dunes. Warramunga sp. PW23, W. sp. PW11, Aristida alacris (j.) Acacia longiumbra, Dunes bear Euc. terminalis Hakea lorea. Thrift Termonia sp. Base of dunes with Triodia basedowii. Eragrostis setifolia, eriopoda and Aristida sp. Partially green. Micrerotona sp. 18, M. sp. 25, Pycnostichus seriatus, Genus nov. 95 sp. 11, 79.1

26813 Side of Sand dune with Euc terminalis along top ridge with scattered Eremophila sp. on lower slopes. Triodia basedowii + Plectrachne Armitina alderis (?)(j.), Warramunga sp. PW11, W. sp. PW22, Genus nov. 95 sp. 11, sp. 1, Pycnostichus seriatus, Genus nov. 76 sp. (j.) the dominant ground cover. Eragrostis, Aristida mixed grass spp mainly along edge of road. Morabina & on a Kochia sp. very sparsely distributed. Area partly green now drying off.

26852 Jupiter Well. 9pm - 12mid.

4-4-63 Wagramunga sp. PW23 Jupes Well set in a depression between sand hills. Depression carries thick Ti-tree, (Mel. glomeratum) surrounded by a grove of Cas. decaisneana. Triodia longiceps dom. ground cover under Cas. Limestone nodules scattered over micro-rise with the Cas stand. Odd Plectrachne, one specimen of Warramunga on this.

Depart 26852

Warrawinga sp. PW23, Macrotona sp. 12,

26864 Grove of Cas. decaneana on M. sp. 14, Corybyia orbicularis, Adriana sp. 4,
sand rises with thickets of Ti-tree in a Macrotona sp. 11, Geus nov. 95 sp. 4
central depression. Plectrachne sp and Triodia
longiceps present. Wavamungas or Plectrachne
sp. only. Odd Acacia sp. & Dodonea sp inter-
spersed between Ti-tree. Corybutes sp
with yellow wing + 1 with blue wing.

26948 Camped.

5-4-63 27103 = 26626 = Sandy Blight

Turned north from Sandy Blight.

27103 Sand plain area bearing widely
Dicrastylis longipunctata, Genus nov. 95 sp. 1, 4 sp. 4,
spaced Euc sp. (stunted mallee) with occas.
Genus nov. 64 sp. 1, Pycnostictus seiratus
Acacia sp. Ground cover Triodia basedowii.

27111 Sand plain between widely spaced
Genus nov. 14 sp. 1, Genus nov. 95 sp. 11
sand dunes bearing Euc. terminalis, A. kempeana
and occasional thickets of Atalaya hemiglauca.
Ground cover dry. Triodia basedowii.

27116 End of Road — returned to 27134

27134 = 27103 = 26626

27148* Open sand plain, bearing scattered
Cas. decaneana, Acacia sp. and Euc gamophylla.
Triodia pungens forms dominant ground cover

Ants + Termites only.
scattered plants of Plectrachne sp.

27164 Similar to above. Cas. decaisneana is Dasetaria longirugosa. Pyrenostichus scriatus, replaced by odd Euc terminalis. Triodia basedowii Eremo nov. 95 sp. 1, Macrotona sp. 18, Urnisilla sp. dominant.

27172 An area of A. aneura with scattered Warramunga sp. PW1 (?)(j), Pyercola sp. 8, Euc terminalis on desert loam. Plectrachne sp Eremo nov. 95 sp. 4, Pyrenostichus scriatus, Macrotona sp. 14, M. sp. 8, Dasetaria longirugosa present in large clumps throughout the mulga. Other odd Acacia sp (shrub to 5 ft).
On area of limestone. Hakea leucoptera appears Some grass Eragrostis eriopoda, Aristida arenaria present but dry.

27188 Camped. 8.30 pm – 10.00 pm.

6-4-63. Departed 27188. Bank of creek Acheriniina inferiopis, Warramunga sp. PW6, Eremo nov. 95 sp. 4, Goniadoidea sp. 9, Creek area bearing scattered Euc papuana Pyrenostichus scriatus Dasetaria longirugosa Atalaya hemiglauca? A. tetragonophylla, Eremophila longifolia + miscell small Acacias. Bank leeree area bearing A. aneura, Eremophila longifolia and small Cassia sp. Well grassed with Aristida arenaria, + Enneapogon sp. (seeded). Evidence of good season. Mereba + Cunderees on grasses (Aristida + Enneapogon).

27192 Stony granite outcrop bearing odd Macrozyzia erozia, Grevillea sp. 95 sp. 4 A. aneura, Senna Euc. terminalis at base and Eremophila sp. Enneapogon (dry) dominant cover among rocks. Surrounding plain of desert loam with A. aneura dominant.

27209 An area of A. aneura, H. leucoptera, Grevillea sp. 95 sp. 4, Dissectania longirugosa with scattered Atalaya hemiglauca. Triodia pungens? dominant ground cover.

27225 A. aneura on desert loam with scattered Acacia Qualeata aneura A. brachystachya. Eremophila sp appears as an occasional. Eragrostis dominant grass species and is confined to the base area of the mulga. Much of the inter-tree space being bare.

27243 Sandy loam area bearing A. aneura with Cratmagris odd Euc. terminalis. Eremophila sp in small thickets. Odd Triodia basedowii rings. Grass predominant Eragrostis eriopoda Aristida arenaria. Area green.

27250 Stony range (MacDonnells) Spinifex Perdillia Acacia, Dissectania longirugosa, covered with Cassia shrubs at base and Buforania crassa, Macrozyzia cervina, A. aneura where range forms funnel, with Psycrophictus senatus, Hakea rufescens

the plain. Greenish area.

27269 Junction area between A. aneura Desertania longiaristata, Unisiella sp., grove and Triodia basedowii sand plain. Rhagodia sp. E, Senecio nov. 95 sp. 4, sp. 1, Stropis Eragrostis, Aristida arenaria, & Aristida sp. sp. 1, Rostraria pumilio main grass cover with Abutilon sp & Convolulus sp. Triodia area with scattered Acacia sp.

27301 Papunya Native Settlement.

27306 Camped. 8-30pm – 10pm.

2-4-63 Departed. 8.30mm

27312 A. aneura A. kempiana dominant with scattered Eremophila sp and Atalaya hemiglauca. Ground cover dry composed mainly of Aristida arenaria (mulga grass) Great masses of Convolulus sp. present in flower sprawled over much of the dry ground cover. → 27317 Derwent Ck.

27321 Slope of stoney hill of the MacDonnell Ranges bearing Triodia pungens. Some isolate tussocks of Aristida, Psychotrichus sericatus, patches of Enneapogon. Desertaria sp. 4

27332 Creek

27337 Stony hills of range bearing Triodia pungens or irritans. A. aneura at fringe of base with scattered Atalaya hemiglauca and odd Eucalyptus terminalis: Cassia eremophila occurred as an occasional; area dry

27346 An area of A. aneura with Euc. terminalis: Capparis sp. 1, Senna nov. 75 sp. 3, sp. 4, occurring as an occasional. Eremophila sp. Dodonaea lanceolata, Psydrax oleifolia, and Cassia sp. forming a shrub understorey. Soil granitic sand bearing Aristida arenaria and Eragrostis eriopoda as dominant cover. Sida sp or Abutilon sp with a small blue tubulate flower. Area partly green.

27370 Sand plain area bearing Triodia pungens with scattered Euc. terminalis, Cassia sp. 14, Senna nov. 95 sp. 1 sp. Native poplars, Hakea leucoptera. Amongst the Triodia. Aristida spp and Eragrostis spp. (eriopoda +) occur. Area green.

27376 Rd. Junct. Mt. Chapel Bore

27446 Mn. Rd. Hwy.

27462 Alice Springs 4:30 pm

8-4-63 Alice Springs

9-4-63 Depart Alice Springs 27498

27504 Creek area within the MacDonnells Rgs. Lined with Euc camaldulensis. Flats bearing Acacia macdonnellensis, Eucalyptus coriacea, Apobasis willisii, Pegmatites sericatus; mixed pasturage of Chloris sp. Themeda australis Peaksia obtusa, Goniocoridea sp. and miscellaneous herbaceous annuals. Green from recent rains. Salsola prominent, together with Sida sp.

27521* Area of A. aneura, dead and living timber with scattered Eremophila shrubs. Some plant debris beneath tree canopies. Area completely dry. [Ants & Termites only]

27542* Shallow depression basin between low broad sand rises. Scattered Eremophila sp occurring as low shrubs with Bluebush (Kochia sp) throughout. Good grass cover available of Chloris spp, Enneapogon, & Aristida as a minor component. Low sand rises carrying Atalaya hemiglauca and Eremophila spp as a shrub understorey. White woods scattered. [Ants & Termites only] Area dry.

27557* Creek area in a brown soil of heavy texture plain bearing scattered Euc. camaldulensis, Grevillea sp and Acacia sp.; banks and flood course covered in Themeda avenacea tussocks. Further away Eragrostis setifolia becomes prominent finally giving way to Astrebla pectinata on the adjoining plains. Area dry [Ants & Termites only]

27565 Open self-mulching plain (brown soil of heavy texture), treeless but bearing a dry cover of Astrebla pectinata. [Ants & Termites only].

27581 Jeendamia turnoff = 27376

27582 A. aneura scrub with A. kempeana and Cassia sp. Ground cover dry, predominantly Aristida arenaria; some scattered green Dicots Desertaria longifolia
herbs appear, particularly around the base of large A. aneura trees. A. ligulata? with A. kempeana forms the main shrub stratum.

27591 An area of A. aneura abutting on a sand plain, formerly dominated by Eragrostis setifolia, Desertaria longifolia, Unisiella sp.

Triodia pungens now dead (drought) colonised by Aristida pruinosa and miscellaneous herbaceous dicots including Calandrinia (Parakeelya) and Bassia sp. Young plants of Triodia are however present. Area partly green with the dominant Aristida haying off.

27601 An association of Euc gamaphylla Grevillea sp. PW1, Hakea sp., H. vocans, and Triodia pungens. Green area.
Stropis sp. 1 (j.), Dasycercus longicaudus, Mammalian mouse dug out by J. Dawse when Pseudomys desertor, Sminthopsis sp. (j.) digging for termites.

27603 Camped 7.30pm - 9.30pm at light

10-4-63

27603 departed. Ecotonal area of Acacia Nanthocarpa sp. P150, Pseudomys desertor, scrub with a basal ground cover of Triodia pungens. Nearby a water carrying basin present mixed with Euc. papuana. Mixed grass cover of Enneapogon, Aristida pruinosa, with the Triodia: Miscellaneous dicots present including Sida sp, Salsola sp. Odd Cassia sp & Eremophila sp. appeared amongst the mulga.

Area green; many small nymphs.

27614 An area of sand plain bearing Prorifera sp. P1376(j.), Nanaltjira kalicae Melaleuca glomeratum with Triodia pungens (?)(j.), Notiostoma picta, Aprotopsis vittata, the dominant ground cover. Odd but sparse Macrolopholia sp., Goniaea sp., G. vocans, Lenus single trees of Euc dichromophloia occur. Pdo. 95 sp. 4, Corypheistes nicola, Desertana Monstra on Triodia; Eumastacids in litter longimana, Goniaoidea sp. 9, Callitera sp. 1, Genus under Tr-Tree. Area green. no-v. 64 sp. 1

27622 River or Creek Xong. Stream lined with Euc. camaldulensis, adjacent banks with Pyrostichus scratus, Ephraitum quadrilobum (j.), Peakisia nitipennis, P. scabra, Acacia spp (compound leaf sharp spines on branches & Ulmisa petulosa, Goniaea sp., G. australasiae low to 4 ft. phyllode sp). Little ground cover except for Sida sp, Tribulus terrestris, and some short grass spp. (green).

27630 Gap in stoney range. Lower slopes Desertana longimana, Petullia picta with Acd Euc. Terminalis and band of Cassia eremophila thus in turn giving way to Triodia wiltans or basedowii on upper slope. Miscellaneous dicots present mainly dry. Area partly green.

27643 Sand plain area bearing A. kempeana Pyrostichus scratus, Genus nov. 95 as the dominant with spatter A. aneura sp. 4, sp. 1, Genus nov. 64 sp. 1 Under storey and odd Euc. Terminalis. Triodia basedowii (dry)

27652 Lunch stop, flies on body. A. aneura assoc. Bore adjacent.
Maerua sp. nov. 95 sp. 4, Petalostylis cervina, Genus nov. 95 sp. 4, Perdicium picty, Buforania crassa, Desertaria sp. 4, Maerua and A. astrophiolata as a mixed community sp. 6, Acacia sp. 2, Ephantus quadrilobus, Eremophila sp. Cassia sp as occasional thicket. Desertaria longirugosa, Capparis sp. 3
Ground cover Triodia basedowii (drying off).

27675 A. aneura scrub with odd tree. Terminalia Warrayungia desertorum (?), Desertaria longirugosa, Ground bare except for a small yellow-flowered legume Pycnostictus seriatus, to 1 ft in micro-depression in the soil surface.

27685 Stony hill of range. Cover Triodia sp (small bush - short spined) with scattered Maerua sp. 1, Pycnostictus seriatus, Stropis sp. 1, Desertaria tree gamophyll (4 petaled) & A. aneura. Some longirugosa, Stonia cf vacans
Aristida browniana and Eragrostis sp.

27696 Low hill of quartzite - granite
Namatjira alicae (?), Cullen cf discolor (?), A. aneura & A. kempeana on lower slope with Buforania crassa, Capparis sp. 1, Genus nov. 95 sp. 1, Triodia basedowii (short spined form) on upper Genus nov. 6 sp. 2, Micrcola sp. 1 level. Kochia sp on quartzite pebble areas.
Some Aristida arenaria but isolate. Eumastacid on Kochia area.

27729 Mt. Doreen
Pycnostictus seriatus, Chortoicetes terminifera,

27732 Camped at light. 8.00pm - 11.30pm
Genus nov. 89 sp. 1, Trogigattina australis, Macrobaba

scallata, Desertania sp.2, Retiospia validicornis, Corynotheca micrantha, Atriplex inferiorsis

11/4/63

2 7732 Deserted.

2 7733 A. aneura association abutting Culvaeria divisa(?), Desertania longirostra, Triodia sand plain. A. aneura dominant odd Macrotona sp.8, Acacia sp.2, Genus nov.95 clumps of Triodia pungens. Aristida arenaria parvula, Pycnosticha seriatus, Genus nov.6 sp.2, and P. pruinosa dominant ground cover, seeded Sporis sp.1 but green.

2 1749 Euc. camaldulensis bend creek Warrawinga sp. PW36, Acacia sp.2, Bulbine with A. aneura Atalaya hemiglauca A. crassa(?), Chotteria hemiptera, Genus nov. interiorsis Themida arenacea in main 95 obvaccia, Desertania longirostra, Macrotona channel, Triodia further up gradient sp.8, Goniosa australasica, Pycnosticha seriatus bank slope. Aristida pruinosa v arenaria main grass species. Dry miscellaneous dicots. Sm placed further from creek margin A. kempeana appears. Area dry except for partly green Triodia Rabbit warren old (dug out)

2 1762 Triodia pungens sand plain Warrawinga sp. PW36, Desertania longirostra, bearing stunted mallee (Euc. gamophylla) scattered Pycnosticha seriatus, Macrotona sp.8, Genus with Grevillea sp. Aristida pruinosa co-nov.95 sp.3 dominant with Triodia; area green

Chilla Well

2 7774 Limestone ridge bearing Euc Warrawinga sp. PW36(?), Callitris sp.1, Terminalia v Euc dichromophloia at base

Euphorbia quadrilatera, Genus nov. 95 sp. 4, with Melaleuca glomerata in depression area Paraglenum nigrifrons, Austrachis guttulosa, Bordillana sp. 4, Acrida conica, Desertania longipogona, in thickets to 6ft. Some Triodia in patches but bulk of herbage, Aristida pruinosa, Sida sp. sp. Dactyloteneum radulans, Eragrostis eriopoda and Enneapogon sp.

27781 Triodia pungens sand plain Desertania longipogona, Genus nov. 64 sp. 1, bearing scattered A. interiors & spiny leafed Genus nov. 95 sp. 1, Macrotona sp. 8, M. sp. 11 shrub and scattered Eue terminalis. Area green.

27794 Triodia pungens sand plain bearing Desertania longipogona, Goniaia vocans Grevillea spp. (intermedia? ? fumetifolia) some P. leucoptera and scattered Eue. terminalis Area dry.

27815 Triodia pungens sand plain Desertania longipogona, Genus nov. 64 bearing scattered Eue. terminalis with sp. 1, Genus nov. 95 sp. 4, Macrotona sp. 8, M. sp. 11, Melaleuca glomerata with occas. Casia Genus nov. 95 sp. 1, Psycnosticha serialis eremophila as a scattered understorey. Aristida spp as a scattered grass component in the Triodia. Area drying out.

27823 Tri-Triodia plain with Triodia pungens? Warramunga sp. PW 36 (?) (4) ? Macrocala sp. 4, Genus nov. 95 sp. 1, Macrotona sp. 8 Turned back to other vehicle Other vehicle sighted on the Turn.

27839 Triodia sand plain bearing
Warrauunga sp. PW36(?)(j), Genus nov. 95
Grevillea sp. and scattered Euc. terminalis
sp. 1, Ursinella sp., Macrotona sp. 14, Dysertania
Some Aristida pruinosa although sparsely
longirugosa
established. Area green from recent rains,
nymphs of acrididae present. Adult population
low.

Warrauunga sp. PW36, Austracris guttulosa,
27858 Granites area 8.15 pm - 1-15 am
At right Macrotona sp. 8, Genus nov. 14
11-4-63 sp. 1(?)(j), Peycnostictus seriatus,
Genus nov. 60 sp. 1
Depart. 27858

27862 Rolling undulating country
Warrauunga sp. PW36(?), Paraxchenia sp. 2,
mosaic of stone pavement in Triodia basedowii
Scintilla sp. 7, Genus nov. 95 sp. 4, Nyarotona
a T. pungens. Scattered stunted Euc sp.
sp. 8
(terminalis) and Cassia eremophila. Area
green. Little grass present. (A. arenaria).

27867 Spinifex sand plain (pungens) with
Austrodactylis scipeumis Dysertania
small clumps of Euc. brevifolia. Austrodactylis
longirugosa
on Labulate sp. Green.

27874 Triodia pungens and Melaleuca
Genus nov. 90 sp. 1, Macrotona sp. 14, M. sp. 8,
glomerata community. Green. New Genus
Genus nov. 60 sp. 1, Dysertania longirugosa,
on Tirtee. Genus nov. 95 sp. 4

27885 Sand plain of Triodia pungens
Warrauunga sp. PW3a, Nikrotona sp. 4,
with odd T. basedowii. Plectrachne sp.,

Desertaria longingosa, Macrotona sp. 8,
Euc. dichromophloia as scattered trees with
Genus nov. 95 sp. 4, Sowerbaea sp. 7, Goodenia
scattered Cassia eremophila and another Acacia
vocans, Genus nov. 64 sp. 1
small shrubs. Area green.

Unisiella sp. (j.), Genus nov. 14 sp. 1, Micrcola sp. 8,
27888 Stony downs with T. basedowii. Treeless
Macrotona sp. 8, M. sp. 13, plain Eutaxia sp. 1,
27901 Plectrachne sp. among Grevillea sp.
Warrawanga desertorum, Magnoliophyta shrubs,
as dominant tree sp. Odd Cassia eremophila,
Marsupial? mouse. Desertaria longingosa, Peakesia
27904 Creek. sp. 2, Micrcola sp. 4

27915 Mixed community of Euc. terminalis,
Warrawanga desertorum, Desertaria
A. aneura, scattered native poplars Grevillea
longingosa, Genus nov. 12 sp. 2, Macrotona sp. 8,
intermedia a.d Euc. brevifolia overlying
M. sp. 9. M. sp. 83, Peakesia sp. 2. Aristida gutthulosa
a T. pungens sand plain. Area green.

27926 Tanami

27930 Rocky slope of hills bearing
Nightfacida rotacipennis, Goodenia
scattered Euc. brevifolia and Acacia sp.
vocans, Genus nov. 95 sp. a, Desertaria
Ground cover T. basedowii in hollows & il.
longingosa. D. sp. 2, Perilla pista, Genus nov.
and adjacent creek miscellaneous Leguminosae
79 sp. 2, Alalcifa rufescens, Macrotona
shrubs with E. areacioda and Plectrachne
Luciosa, M. sp. 11, Genus nov. 60 sp. 1
sp along the banks & flow course, with the
Euc microtheca lining the main flow channel.
Area green.

27942 Open woodland area of Euc terminalis,
Warrawanga sp. Pa 36. W. desertorum;
x brevifolia with scattered low Acacia sp.
Rusaefolia tristis, Sowerbaea sp. 4, Stropia sp. 1,

Micrcola sp.4, Genus nov.95 sp.1, Macrotona
as low sparse shrub layer. T. pungens or
sp.8, M. sp.9, Genus nov.12 sp.2, Eucphlebo sp.1
Plectrachne sp as dominant ground cover.

Area green.

Warramunga deserforum, Geckonima handschini

27952 Clay pan Well Camped: 8-30 pm - 12-15 pm
Eucphlebo sp.1, Histrioacida roscipennis, Gonian
at light. decanso, Macrotona sp.14, M. sp.11, M. sp.15,
M. sp.8, Rhusupia sp.1, Sumbilvia sp.7, Genus
nov.5.57 sp.1, Genus nov.77 sp.2, Sumbilvia sp.4,

13-4-63 Depart 27952 Micrcola sp.4

Warramunga deserforum, W. sp.36, Desertania
27957 Triodia sp sand plain bearing
longirugosa, Macrotona sp.8, Genus nov.95
scattered Euc. dichromophloea? Grevillea sp. -
sp.1, Micrcola sp.4
small Tree (creamy cork barked, long narrow leaves)
in open savannah woodland form. Area
green.

27965
Lower slope of low range & gully area.
Calmacris sp., Genus nov.77 sp.2, Callitera sp.1,
Euc sp (bloodwood large fruit sessile leaf)
Peaksia sp.2, P. graminea, Calopsilla lutescens,
stunted mallee sp. Euc. brevifolia & Acacia
Pycnosphictus sericatus, Gonianoidla sp.9, Desertania
sp. Hills covered with T. basedowi slope
longirugosa, Rusupsia histris, Macrotona sp.8
& flat with Triodia sp. (pungens?). Masses of
Portulaca sp. in patches; gully area with Themisia
avenacea. Arotida prunosa scattered
throughout. Area dry.
Desertania longirugosa, Callitera sp.1,
27979 Triodia sand plain with scattered
Warramunga deserforum, Macrotona sp.8,
Euc terminalis and Grevillea sp. Arotida
Hispioacida roscipennis, Micrcola sp.8, Stropis
sp. present. Grass dry. Triodia green,
nigrovitellina, Genus nov.12 sp.2, Australeus
guttulosa

Eucalyptus sp.1, Hibbertia acicularis, Leptomeria,
Desmocladus asperiflorus, Desmocladus flexuosus,
Desmocladus sp.1, Desmocladus sp.2, Desmocladus sp.3,
Desmocladus sp.4, Desmocladus sp.5, Desmocladus sp.6,
Desmocladus sp.7, Desmocladus sp.8, Desmocladus sp.9,
Desmocladus sp.10, Desmocladus sp.11, Desmocladus sp.12,
Desmocladus sp.13, Desmocladus sp.14, Desmocladus sp.15,
Desmocladus sp.16, Desmocladus sp.17, Desmocladus sp.18,
Desmocladus sp.19, Desmocladus sp.20, Desmocladus

No 3 Bore 28111 West to Halls Ck.

28135 Flora Valley. Pebbly spinifex covered
Triodia basedowii stoney low hill.

28188 Halls Creek.

Warramunga desertorum, Adroppus interioris, A. sp.4,
28205 Camped. 8.30pm - 11.30pm.
Quatetta maculata, Gastrimargus musicus, Genus
nov. 12 sp. 3, Corylphista varicosta, Austracris guttulosa,
Goniaea vocans, Peakesia straminea, Genus nov. 7 sp. 1,
Desertana longirugosa, Eucphista sp. 1
15-4-63

Departed 8.30 am. 28205 7.30 am.

28396 Fitzroy Xing

28547 Broome T. off

Gastrimargus musicus
Valanga irregularis, Macrolobaiia stroja T. 8 pm.
28554 Lennard Xing Camped at light 6 pm.
Austracris babylio, Acrida conica, Stropidonigrovittigera,
Macrotona cuvicostalis, Paratettix nigrocaeus, Cuspilladia
sp. 4, Froggattina australis, Aiolopus thalassinus, Peakesia
straminea, Stenocatantops angustifrons
16-4-63 Departed Ephantus quadrilobus, Chortoicetes
terminifera, Sphingonotus erythro-
pterus, Goniaea vocans, G.
australasiae
28564 Open grassland. (Species unknown Small
Warramunga sp. PW15, Austracris guttulosa, Macrotona sp. 13,
6 to 12" like small Themida) with scattered
Caloptilla lutescens, Bermius brachycerus, Peakesia
Grevillea's and Acacia shrubs 5 to 6' Area
straminea
haying off.

28577 Sandy soil with bearing mixed
Caloptilla lutescens, Ephantus quadrilobus,
Eucalypt stand and Acacias (earlyhanta sp) on
Goniaea vocans, Gastrimargus musicus, Macrocara
Open savannah woodland with Sp. sp
conglobata, Peakesia straminea, Genus nov. 95
(sugar grass) the dominant grass layer.
Burkitta
Some Triodia sp occur on cleared areas.

28586 Swamp of Gast. mucosa
Stropio sp-9, Dichtaria longiringosa,
28591 Sand rise bearing mixed Acacia spp
Macrotona sp.27, Genus nov.12 sp.4, Gastrimargus
(broad phyllode & ~~fine~~ narrow phyllode leaf). Scattered
muricata, Daperia accola, Calopteilla lehmanna
Eue sp (bloodwood). Stipa sp (sugar grass in clumps)
Peakesia straminea, Conicella volcana, G. parviflora,
with a fine-leafed grass Tussock sp (green).
Genus nov.95 sp.5, G. nov.95 parvula
Miscellaneous dicots & grasses occur. Area
drying off.

28603 Open savannah woodland of Eue sp
Daperia accola, Peakesia straminea, Conicella
(bloodwood) & paper barks. Ground cover
volcana, Gastrimargus muricatus, Genus nov.12 sp.4,
of patches of Stipa (sugar grass), Aristida sp
Calopteilla lehmanna mihi,
(giant 3 awned) with grass sp, to 1 ft (similar
to Themida, fine leafed) Area drying off (limestone)
Daperia accola,
28611. Mixed Acacia spp Eue sp and
Gastrimargus muricatus, Pycnostictus seriatus,
Bauhinia sp with Stipa sp Aristida sp
Euphantus quadrilobus, Stropio sp-9, Peakesia
as dominant grass cover. Sida sp Hibiscus
straminea, Genus nov.12 sp.4, Calopteilla sp.4
main woody dicot annuals. Area drying off

28617 Creek area bearing Paper barks along
Melaleuca conglobata, Genus nov.12 sp.4
flow course with A. shirleyi scattered Eue
Macrotona sp.13, Euphantus quadrilobus, Peakesia
sp (bloodwood) on banks. Sida sp with
straminea, Adlappa erythroxylon, Dichtaria
grass sp (Perennial tussocks) main ground
longiringosa, Austrocriobasalis, Conicella volcana,
cover. Area green. Happarama sp-2, Stropio sp-9

Happiana sp. 2(?), Genus nov. 95 parvula.

28631 Turn off to Pt. Hedland. Cont. on to Broome. Stropis sp. 9, Gomphocarpus, Adriappa sp. 4, A. sherleyi scrub with scattered Eucalyptus. Miscellaneous weeds & grasses as ground cover. Area green.

28653 Broome Arrived.

28657 Broome Depart.

28680 = 28631 To Pt. Hedland Swamp Gum between Broome T. Off.

28689 Treeless plain — grey soil (saline) not self-mulching to any degree. Mosaic patchwork of Kochia sp. Euphorbia sp. Panicum sp. with odd patches of Sporobolus sp (yellow flower). Green area. Parakeelia nigrescens, Genus nov. 12 sp. 4, Austrachis guttulosa

28696 Camped. at Light, 7-30pm - 1-30pm Lancewood, (A. sherleyi) scrub. Adriappa sp. 4, Maerolobalia obiata, Valanga irregularis, Happiana sp. 2, Histrioacrida roseiberensis, Genus nov. 57 sp. 1, Psychrotettix serratus, Microplusiotes parvus, Euphaltus quadri lobus, Bicertagrion longipenna

17-4-63 Depart 28696

28706 Mixed A. sherleyi, Eucalyptus sp. with scattered Eucalyptus (bloodwood) in 6 creek form. Sida sp. Crotalaria sp with mixed weeds and few grasses formed bulk of ground cover. Green area. Eight 1st instar (only) Keyacris or Calliptamid sp.)

28712 Turn off to Thangoo

28714 Crest of rolling downs, soil sandy
Stropis sp.9, Genus nov.57 sp.1, Genus nov.95
dearing mixed community of Eryth[illegible] (Coral tree)
parvula, Gen. nov.95 sp.5, Gastrimargus musicus,
Eucsp (bloodwood) A. shirleyi, with miscellaneous
Pycnosticha setosa, Calopsilla lutescens,
shrub strata. Some Triodia sp, mixed grasses,
Macrocarpa conglobata
Eragrostis sp, Digitaria sp, Aristida sp and some
Setaria. Miscellaneous herbs & dicots (annuals).

28724 Mixed community of Euc sp (bloodwood)
Happarana sp.2, Gonipteris volcanus,
Erythroponala amazona, Macrocarpa conglobata,
A. shirleyi with Triodia sp dominant ground
Genus nov. 12 sp.4, Gastrimargus musicus, Macrotona sp.27,
cover, Aida sp. prominent where Triodia
Genus nov.95 parvula
absent or been burnt. Soil sandy.
Genus nov. 12 sp.4, Stropis sp.1, Wanaruna sp. PW8(?)(f).

28734 Burnt area of A. shirleyi with
Gonipteris volcanus, Desorbaria longipetala, Sumbilvia sp.2,
scattered Euc sp (bloodwood) formerly Triodia
Genus nov. 95 sp.5, Gen. nov.95 parvula(?), Macrotona sp.8,
ground cover now mixed grass (Setaria sp. sugar
Stropis sp.9, Macrolobalia obtusa, Macrocarpa
grass), Selena, Trichanium sp, Calandrinia sp
conglobata
and Aida sp. Area green, sandy soil.

28745 Mixed community of Bauhinia,
Stropis sp.9, S. sp.1, Genus nov.61 sp.1, Genus nov.95
Euc sp (bloodwood) Grevillea junct. folia. possibly
sp.5, Sumbilvia sp 2, Histriobeckia rosiflennis,
formerly Triodia now burnt a dearing mainly
Calopsilla lutescens, Adlaspa erythroplea,
miscellaneous grass and annual dicots
Erythroponala amazona, Macrotona sp.27,
Area green, sand plain, Genus nov.57 sp.1

moralesiae (?), Macrotona sp. 27, Stropio sp. 9

28756 Euc sp. (bloodwood) Acacia assoc. over Triodia sp. Miscellaneous grasses (Aristida, Stipa sp.) and mixed annual dicots. Sand slope; area green.

28768 Scattered Euc sp. (bloodwood) with Acacia (fine a broad phyllode) with stunted Baubinia s. Triodia sp with low flowering small leafed acacia, bushy to 3 ft. Area green. Series of Macrolobalia & Erythropsyla from these shrubs.
Macrolobalia striata, Genus nov. 12 sp. 4, Genus nov. 95 sp. 5, Scambebia sp. 2, Stropio sp. 9, Erythropsyla amaena

28783 Triodia sandplain bearing stunted Euc sp (bloodwood) Scambebia sp. 2, Macrotona sp. 27, Genus nov. 12 sp. 4, Genus nov. 95 parvula (?) Green.

28796 Ac Jas alsine Warrauna sp. (?), Macrotona sp. 8, Genus nov. 95 parvula (?), Scambebia sp. 2, Macrotona sp. 11, Genus nov. 12 sp. 4, Macrozyloba ciliata, Macrotona sp. 27

28802 T. Off to Nita Downs.

28814 Open saline Triodia grey soil plain bearing a degenerate stand of Astrebla, Panicum, Euphorbia and Dysphania; drying off.
Austrocriss guttulosa, Genus nov. 78 sp. 2

28821 T. Off Talgarno Anna plain
Aiolopus thalassinus, Chortoicetes terminifera

28879 Camped at Eight 8.15 pm - 12 mid.
Austrocriss guttulosa, Gastrimargus musicus

18.4.63 Depart. ~~For Hillock~~. Area saline grey soil plain with mixed Triodia patches & Eragrostis setifolia, Kochia sp. Acacia sp. mixed dicots. Area dry.
Qualetta nigulata, Stropio sp. 1 (?), Genus nov. 95 sp., Genus nov. 12 sp., Desertalia longirostris, Acanthoxyla sp., Genus nov. 78 sp. 2

Acacia stramina; Macrotona sp. 13, Genus

28884 Triodia covered gypsum nodule dunes
nov. 12 sp. 2(?)
Treeless; green.

Desertania longirugosa, Austrocis guttulosa,

28900 Flat area between dunes bearing
Macrotona sp. 8, Pyanotictus seriatus, Chenopod
mixed stand of Triodia tussocks, ~~Eucalyptus~~ sp.
(woody perennial) Genus nov. 17 sp. 2(?)
Area sandy, drying off.

Warramunga sp. PW 20, W. sp. PW 8, Austrocis guttulosa,

28908 Sand dune covered with Triodea
Genus nov. 12 sp. 2, Desertania longirugosa,
sp. Stropis sp. 1(?), Macrotona sp. 18, Genus nov. 95 sp.
4, Gastrimargus musicus, Macrotona sp. 13, Pyanotictus

28921 Flat below sand dune bearing Triodea
seriatus, Kappa sp. 2
sp and grass sp (Panicum sp.).

28931 Red sand plain bearing occasional
Warramunga sp. PW 20, Genus nov. 12 sp. 2(?),
tree sp. and stunted Acacias (shrub to 2 ft.
Desertania longirugosa, Macrotona sp. 18, Genus nov.
wide flat top area) and broad phylloded species
95 sp. 4, sp., Stropis sp. 9
Triodea dominant ground cover with leguminous
annual, Sida sp. and odd clump of Stipa sp.
(sugar grass). Area green.

28941 Mixed stand of stunted tree sp.
Macrotona sp. 18, Austrocis guttulosa,
(bloodwood) Bauhinia sp. and A. ramulosa,
Desertania longirugosa, Genus nov. 95 sp. 1, Genus
cover Triodia sp. (soft narrow-leafed) as ground
nov. 12 sp. 2
cover. A great number of Genus nov. 12 skeletons.

28950 Ironstone small hill with odd
Desertania longirugosa, Genus nov. 12 sp. 2,
tree sp (brevifolia?) covered with Triodea
Bufonaria rufa, Caprosa cinnamomea, Adrisperus
sp. Area green.
sp. 4, Stropis sp. 1, Perbellia picta

Warrawunga sp. PW8(?), Gonioa vorcana,

28968 Small localised area of Paper Bark (Melaleuca sp) on Triodia sp sand plain. Some miscellaneous dicots in roadside drain. Parasyllum sp. 2, Desmia longirugosa, Genus nov. 12 sp. 2, Genus nov. 95 sp. 1, Sumbulbria sp. 2, Parasyllum nigripes, Happerana sp. 2, Macrotona sp. 12

28971 Pandoo.

28975 Oak Lover River (sally) Warrawunga sp. PW8, Gonioa vorcana,

28984 Triodia sand plain bearing scattered trees (Bloodwood) and Acacia sp (flat-top 2-3 ft.) Desmia longirugosa, Genus nov. 12 sp. 2, Macrotona sp. 18, Genus nov. 6a sp. 1, Genus nov. 95 sp. 1, Sumbulbria sp. 2.

28989 Campt. 8pm - 10pm. at light. Adisporus sp. ca, Desmia longirugosa, Aridipus Thalassinus, Chortoicetes terminifera, Paratettix nigrescens, Macrolabia striata, Peakesia rubescens

19-4-63 28989 Depart.

28992 Small creek area in grassland - Macrotona cyrricostalis, Acacia coriacea, Triodia plain; timed with Eucalyptus brevifolia. Peakesia rubescens, Macrotona sp. 13, Eastmiargus Skeletons sp. Triodia and species of grass tall Mitchell grass, Desmia longirugosa Likes grant Enneapogon. Area burning off.

29000 De Grey River

29008 River.

Genus nov. 95 sp. 1, sp. 5, Macrotona curricostalis, M. sp. 13, M. sp. 14, M. sp. 18, Genus nov. 78 sp. 2

29010 Triodia plain; (sparse big, low short spined species); treeless Warrawunga sp. PW8, Sumbulbria sp. 2,

29012 Margin of Tributary creek. Mix. trees Desmia longirugosa, Macrotona curricostalis Eucalyptus brevifolia, sand Bulwarts. with mixed Triodia

Stropis sp.1
M. sp.14, M. sp.8, M. sp.13, M. sp.18, Adriana sp.4,
Eragrostis sp - numerous Short Pass. Away
Goniaea vocans, Genus nov.95 sp.1, Adla spa
from river, Spinifex. (Triodia sp) very green -
erythroptera, Goniaeoides sp.9, Genus nov.12 sp.2
remainder with a few Head/Blades.
Goniaeoides sp.9 Desertana longinqua, Macrotona
29026 Spinifex covered rocky hill. Genus nov.12 sp.2, Acalitia rubescens,
(Cavifrons) Macrotona curvicostalis, Genus nov
29055 Pt. Hedland. Arrived 14 sp.1
29058 Departed Pt. Hedland.
Genus nov.90 sp.1, Adriana sp.4, Chorotettix,
29071 Camped at Light. 8.15pm - 11.00pm.
(Turner Rvr) Creek Terminifera

20.4.63

29071 Depart. 8 am.
Warramunga sp., Desertana longinqua,
29078. East Turner River. Lined with
Eucalyptus gutulosa, Eucalyptus quadrilobus, Goniaeoides
Eucs sp. (white bark; E. papuana?) and
sp.9, Stropis sp.1, Macrotona sp.8, Happarana sp.2,
Melaleuca sp (large leafed sp.) Banks Burned/
Sumbilopa sp.2, Goniaea australasiae, Genus nov.
with Buffel grass, with odd Triodia sp small
12 sp.2
scattered Triodia tussocks.
29080 West Turner River
29089 Small timbered area on Triodia
Warramunga sp. PW8(?), Macrolobalia abiola,
plain, con Taminy (Chestnut) & prickly shrub
Genus nov.95 sp.5, Macrotona sp.8, Happarana sp.2,
to 10ft. Triodia sp with scattered low
Genus nov.12 sp.2, Stropis sp.1, Sumbilopa sp.2,
small leafed Acacia to 2ft. (flat topped
Desertana longinqua
spreading).
29101 Yule River.

29101 Yule River

Macrotona sp. 8, M. sp. 13, M. sp. 8, Mierola sp. 8, Descharia longingoa, Brunia sp. 2 stand of Euc. (similar to canaliculata). Dense grass cover. (Species ?). Vegetation of ground stratum has run off.

29112 Open spinifex x grass plain Genus nov. 95 sp. 5, Genus nov. 96 sp. 1, Macrotona sp. 8, Grevea ? vagotoza (?) (f), Genus with scattered shrubs i/a Mycsporeus nov. 12 sp. 2, Descharia longingoa, Sambibria sp. 2 sparse. Area drying off.

29119 Stony hill Acacia Triodia sp Peatlesia rufescens, Genus nov. 12 sp. 2, Maderyelota with broad phyllode Acacias in upper flavipennis (?), Macrotona acricostalis, M. sp. 8, drainage channels. Mixed grass and M. sp. 23, Sambibria sp. 8 annual dicots in these same situations.

29121 Peawah River

29123 Poverty Creek

Macrotona acricostalis, M. sp. 11, M. sp. 15.

29134 Triodia Acacia community on Boarangga sp. PW8, W. sp. PW20, Sambibria low open areas among stony hills. sp. 7, Genus nov. 12 sp. 2, Macrotona striata Triodia sp green crowned.

29138 Wilson Creek

29148 Open plain area bearing Prickly Eucophistes sp. 3, Boronia vocans, Macrotona blue grey shrub to 12 ft. over Triodia sp. curticostalis, Stropis sp. 1, Genus nov. 79 sp. 2, Corph. like Adeppus from the shrub Genus nov. 91 sp. 1, Peatlesia rubescens. Odd patches of spare Eragrostis sp on exalbes stone. Brachyscome sp from this area.

Peakesia sp. 20, P. rubescens, Microla sp. 8

29150. Open Astrebla plain on brown soil of heavy texture.

29155 Sherlock River

Genus nov. 53 sp. 2, Stropis sp. 1, Peakesia

29160 Little Sherlock River — collect on rubescens stoney hill adjacent. Buffel grass + odd Triodia, haying off.

29168 Georges River

29172 Jones River.

29174 T. off to Wittenoom. On to Roebourne + return to Jones River & T. off.

29210 = 29174 to Wittenoom.

Austraciosgutturosa, Gastrimargus musicus,

29172 = 29212 Camped. 6pm. 8pm – 11pm

Paraltha nigrescens, Macrotona curvicostalis,

21-4-63 Aiblopus Malacosoma, Sphingonotus

Erythropteryx, Peakesia sp. 20,

29212 Depart Jones River for Wittenoom Desertania sp. 6

29114 = 29210 = 29174.

Ex 29220

Extension area of creek bed Eucsp.

Eucphiotes sp. 3, Macrotona curvicostalis.

bearing spiny leafed (holly like) with mrs all Desertania longipenna, Adroplous sp. et. Peakesia

acacias. Buffel grass forms a thick rubescens, Stropis sp. 1, Genus nov. 95 sp. grass stand.

29229 An area of Triodia (basedowii) on Peakesia sp. 20, P. rubescens, Genus nov.

Stony eron gibber plain, with scattered depressions 91 sp. 1, Genus nov. 79 sp. 2, Genus nov. 53 sp. 2, of brown soil of heavy texture. Some grass. Eriphantus quadrilatus, Macrotona curvicostalis

Eragrostis in depression - grass sp. on stone.

Area dry.

Peaktoria sp. 20; Macrotona sp. nr Worranunga

29240 Entrance adjacent to water course
sp. PW19; Capparaca sp. 3, Stropsis sp. 1, Genus nov.
bearing Triodia sp. Odd Grevillea and
12 sp. 2, Genus nov. 95 sp. 5, Macrotona curvicostalis,
Cassia eremophila line roadway. Odd clumps
Desertania longiungosa
of Eragrostis eriopoda. Dry.

Genus nov. 79 sp. 2, Macrotona curvicostalis,

29250 Side of ironstone range covered
Peaktoria rubescens, Desertania longiungosa,
with Triodia with Sida sp - Trichinium
Genus nov. 12 sp. 8, Macrotona sp. 29, Stropsis sp. 1
obovatum. Area green.

Stropsis sp. 1, Macrotona curvicostalis, Genus nov.

29252 Low flat - almost amphitheatre
12 sp. 2, Sumbulbia sp. 8. Desertania longiungosa,
in the ranges bearing Triodia & Sida sp.
Hoppeana sp. 2

29256 Mt. Herbert

29257 Top of stoney range bearing
Monostria pitta, Cupressacuta sp. 3,
scattered tree sp. (grey white bark, small
Capparaca cinnamomea, Macrotona sp. 31,
ovate blue-green leaves) with Triodia
M. curvicostalis, Goniaea vorans, Peaktoria
the dominant ground cover. On crest of
pauciflorescens
ridges small acacia sp (curly bark), scattered
broad phyllode acacia sp with a broad
leaf dicot. (Monostria on these).

29262 Open treeless Flinders grass
Capparis sp. 3, Peaktoria rubescens
plain on range plateaus; yellows tussock
Eragrostis soil.

29270 Adjacent to creek area, stony hill
Genus nov. 12 sp. 8, Peaksia rubescens,
leaving Triodia. Acacia sp in wash areas
Genus nov. 79 sp. 2, Genus nov. 53 sp. 2, Macrotona
with a highly scented broad leaf dicot.
Cyrtocostalis, Monistria picta
Monstria on this.

29279 Undulating ironstone country
Peaksia rubescens, Macrotona Cyrtocostalis,
leaving scattered Eue brevifolia and
M. sp. 29, Macrolobalia striata, Buforania rufa,
miscellaneous acacias. Surface stone
Monistria picta, Abiestia rufescens, Hopparania
pavement with Triodia dominant ground
sp. 2, Desfontania longirugosa, Genus nov. 79 sp. 4
cover with Eucla sp. scented dicot.

29292 Sands of Eue Terminalis and
Genus nov. 12 sp. 2,
brevifolia with mixed acacia sp
Peaksia rubescens, Macrotona cyrtocostalis,
Adreppus sp. cf. Macrolobalia striata, Scoplusteg
overlaying Triodea on ironstone pavement. sp. 3.
Macrotona Cyrtocostalis, M. sp. 13, Calespa sp. 3.

29303 Mixed Acacia sp and Eue
brevifolia over Triodea sp understorey
Buforania rufa, Adreppus sp. cf. Strpio sp. 1,
Hopparania sp. 2, Peaksia rubescens, Genus nov. 12
Some Eragrostis setifolia Eucla sp.
sp. 2, Eplectanthes quadricolens, Desfontania longirugosa,
and Sturt Desert Pea, area green. Macrolobalia
striata

29314 Open stony (small stones) area
Peaksia sp. 21, P. rubescens, Genus nov. 91 sp. 1,
leaving scattered (holly-like tree) with
Strpio sp. 1, Calespa sp. 3.
a grass sp. (small Flinders grass) as a
thin stand.

29325 Turn off to Hamersley S.

Paractaenotis nigrocincta (?), Thaeocharis ocellata,

29327 Camped 5.30pm 7.30 - 11.30pm
Xanthinaspis marginata, Eupsalis rufa,
Deserticola at Light sp.5, Adrapsis sp.4, Happarana sp.2,
Macrotoma cuticostalis, M. sp.12, M. sp.8, Kistopus
22-4-63 Thalassinus, Genus nov.9 sp.1, Shopis sp.1,
Pycnostictus ariadne, Sinibelia sp.2,
Peakesia sp.21

29327 Depart. 29330 Coolawanyah H.S
Peakesia sp.21, Shopis sp.1,
29332 Open Astrebla gelder plain. Mosaic
Genus nov.9 sp.1
of grass & stone patches

29335 Open treeless flood depression
Peakesia sp.21, Shopis sp.1, Magnastria
bearing giant Eragrostis sp to 4ft and a
Pycnostictus, Deserticola longipenna
legume (compound leaf - Cassia sp.) in equal
dominance; Alternanthera? and miscellaneous
annuals with a sedge sp. occurring throughout. Eucalyptus of Austrodanthonia

29338 Mosaic pattern of Triodia and
Deserticola longipenna, Shopis sp.1, Macrotoma
fine ironstone stone patches with a thin
Cuticostalis, M. sp.13, Genus nov.14 sp.1
stand of Acacia aneura and acacia spp
as shrubs.

29347 Scattered Eucalyptus terminalis and mixed
Austrachis guttulosa, Allochia rufescens,
acacias as shrubs & with Triodia sp
Macrobalia sp.3, Peakesia rubescens, Calepa sp.3
on stony pavement.
Macrotoma cuticostalis, Perthellia picta,

29351 Stony hills in range. Mixed
Austrachis guttulosa, Genus nov.79 sp.2,
Eucalyptus Acacia sp. with Triodia.
Deserticola longipenna, Euophistes sp.3, Genus nov.
12 sp.1, Peakesia rubescens

Perforaria rosa, Goniacoides sp. 9, Genus nov. 79 sp. 4, Genus nov. 95 sp., Genus nov. 53 sp. 2, Hyperithia aviatio, Macrotoma Eurycephalio, M. sp. 13, M. sp. 29, M. sp. 31,

29356 Stony hill covered with Triodia sp (woolly node sp), Pteraxia rubescens, Austrocistostricolor, Genus nov. 14 sp. 1(j.s.), Genus nov. 12 sp. 9

29358 Flat area bearing Eue terminalis and small acacia shrubs with Triodia. On beaveed beneath tree canopy miscellaneous grasses.

29362 Wide creek crossing bearing Eue, Eaphantus quadrilobus, Genus nov. 12 sp. 2, eostrata with miscellaneous shrubs Macrotoma sp. 13, Happarana sp. 2 of Acacia, Cassia, Senna spp. prominent. with odd Eremophila, all interspersed with Triodia sp (grey recurved)

29368. Turned back through ranges

29369 Undulating stony pavement area Macrotoma Eurycephalio, M. sp. 13, Stenopsis bearing Eue brevifolia? a smaller form sp. 1, Genus nov. 12 sp. 2, Genus nov. 79 sp. 4. of Eue with some Acacia sp. Triodia dominant ground cover (recurved).

29371 Side of large weathered rocky Pteraxia rubescens, Genus nov. 79 sp. 4. hill, bearing scattered Eue. brevifolia Genus nov. 12 sp. 9, Genus nov. 56 sp. 3, Macrotoma with a ground cover of Triodia. Odd sp. 23 Grevillea sp. Senna sp. form a Eyre along small creek at base of hill.

29406 = 29330 Coolawanyah Turreal

night for Wittenoom

Stropio sp.1, Macrotona sp.13, M. sp.29,

29410 Ar. area of Euc brevifolia a

Catespa sp.3, Peakesia sp.21, Proteaceae sp, Genus nov.

low open Acacia sp. on a mosaic of Triodia

12 sp.2, Genus nov.79 sp.11, Ryanotheca acicularis

+ stone pavement.

Catespa sp.3, Stropio sp.1, Bulbine mingana

29419 Mixed community of Euc brevifolia

Peakesia tuberculata, Macrotona cuneicostalis,

and A. aneura with scattered Acacia spp

M. sp.13, Desertaria longinqua, Genus nov.91 sp.1

as shrubs. Understorey Triodia sp on

stone pavement.

Austrocis equitulosa, Gastrimargus musicus,

29431 Camped at light. 7.30 pm - 11.30 pm

Macrolobalia occulata, Bunjerungia rufa,

Paralettia nigrescens (?), Adrapsus sp.4, Genus nov.

91 sp.1, Macrotona cuneicostalis, M. sp.18, Happeana

sp.2, Genus nov. 57 sp.1,

Chortacris terminifera,

23-4-63 Departed 29431 Catespa sp.3, Acacia sp.

29436 Depression area between rolling

Stropio sp.1, Macrotona cuneicostalis, M. sp.13,

downs bearing mixed community of Euc

M. sp.14, M. sp.29, Genus nov. 12 sp.2, Happeana sp.2,

sp (bleached sessile leaves heavy barked) Euc

Populnea sp.8, Genus nov.91 sp.1, Genus nov.89 sp.1,

Terminalia with mixed narrow - broad phyllode

Desertaria longinqua, Eriachaetus quadricolon,

Acacia sp. as shrubs Triodia sp (green

Catespa sp.3, Peakesia tuberculata

nebulosus) with mixed grasses in lowest area.

Area green.

Macrotona sp.13, Adrapsus sp.4, Desertaria longinqua,

29443 Thick stand of A. aneura over

Ora, Warramunga sp. Reg 151, (undescribed) Macrolobalia

Triodia sp - Odd Acacia spp - Euc

occulata, Peakesia tuberculata, Catespa sp.3, Gastri-

Terminalia. Hordeum from A. aneura

margo musicus, Macrotona cuneicostalis, Genus nov

12 sp.2, Stropio sp.1, Eriachaetus quadricolon

Macrozolia ocellata, Stipa sp. 1, Aristida sp. 4,

29453 An area of mixed community
Sebaea ovata, Macrozolia, Macrotona sp. 3, M.
dominated by A. aneura with Eue terminalis
Carvicostata, Peakesia rubescens, Calotis sp. 3,
Acacia victoriae and Acacia spp. Triodia sp.
Happiana sp. 2, Buforonia rufa, Gunnia nov. 12 sp. 2
dominant ground cover with a thin stand
of mixed grasses mainly under mulga canopies
Red desert loam.

29467 Wittenoom
Macrozolia ocellata, Buforonia rufa, Gastrimargus

29474 Basal slope of main range bearing
musicus, Calotis sp. 3, Macrotona Carvicostata,
A. aneura A. victoriae and Cassia sp. over
Gunnia nov. 14 sp. 4, Peakesia rufescens, Gunnia nov. 9 sp. 1
Triodia on a mosaic of stone.

29483 Turn off Mt. Bruce Gunnia nov. 79 sp. 4, Peakesia

29487 Side of Shelley hill on range. Triodia
rubescens, Mezeola sp. 16, Macrotona sp. 31, Gunnia
covered with small patches of Cassia sp.
nov. 12 sp. 9, Buforonia rufa, Macrotona sp. 23
Macdonnesia legumes on burnt areas.
Happiana sp. 3, Gunnia nov. 12 sp. 9, Macrocarpa

29491 Hills on main range Triodia
conglobata, Peakesia rubescens, Macrotona sp. 23,
covered a grass species Large Eudia sp.
M. sp. 31, Gunnia nov. 79 sp. 4, Aldrichia chrysoptera,
Themida etc. Goniacoidea sp. 9

29494 Creek bed. Creek lined with
Goniacoidea sp. 9, Peakesia rubescens, Petalostylis
Eue westralia - Paper barks (Gen. 60's) Candollana sp. 9
Picta, Pycnostachys scariosa, Calotis sp. 3,
Themida avenacea, + Legume (Cassia ?).

29498 Stony undulating area
Goniacea crocata, Gunnia nov. 79 sp. 4,
bearing A. aneura old Eue brevifolia
Buforonia rufa, + Macrotona sp. 29

and several Acacia spp as shrubs.

Triodia basedowii ? as ground cover.
Genus nov. 02 sp. 1, Goniatoidia sp. 9, Macrotoma

29502 Undulating country bearing
P. canescens, Calotis sp. 3, Sclerolaena quadriloba,
Eue sp (terminalis) & A. aneura. Triodia sp
Genus nov. 79 sp. 4, Dissertania longiaristata, Happarana
on stony hills with Themida, Panicum sp
sp. 2, Stipa sp. 1
in depression areas on desert loam.

Country dry.
Genus nov. 95 sp. 1, Genus nov. 12 sp. 2, Acrida conica,

29511 A. aneura & Tand on Triodia
Calotis sp. 3, Stipa sp. 1, Genus nov. 95 sp. 5, sp. 1
and mosaic stone patches. Arrida
Eriachne quadriloba, Macrotoma cunninghamii, M. sp. 13,
aneura under mulga. Dissertania longiaristata,
Genus nov. 12 sp. 2

29528. Turned back & camped 7.30 pm - 11.30 pm

24-4-63 Departed. 29528.
Macrozoa conglobata, Monistria picta,

29530 Rocky ledge & face to hills on
Happarana sp. 2, Goniatoidia sp. 9, Asparagus
outer range, covered with Triodia sp. with
sp. 3, Maireana sp. 23
scattered Eue brevifolia on sides with
miscellaneous shrubs on valley floor.
Odd patches of Themida & Chrysopogon sp.
present.

29533 Creek bed bearing scattered Eue
Paractaca rubescens, Stipa sp. 1, Genus nov. 95 sp. 5,
terminalis and miscellaneous shrubs. Chrysopogon
Adelopa erythroptera. Happarana sp. 32, Calotis sp. 3
Themida on patches with Triodia occurring

Monistria prita, Buforania rufa
on higher stoney mounds. Sida spp quite
prominent along numerous water channels.
(1 Warramunga nymph sighted 2nd instar).
Strophis sp.1, Ephantus quadrilobus, Desertania
29540 A. aneura area bearing some Triodia
longiaristata, Happarana sp.2, Calotis sp.2, Macrotona
with Aristida arenaria and Themeda.
sp.13, Genus nov.95 sp.5
Sida sp. & Abutilon sp. scattered throughout.
29554 Turned off to Dales Gorge.
Warramunga sp. RW25, Papillana sp.9, P. sp.15,
29560 Dales Gorge. Deep channel lined
Macrotona sp.7, Calotis sp.3, Genus nov.56 sp.3,
on top with Euc. brevifolia Triodia and
Pearsonia rubescens, Macrotona sp.23, Genus nov.12
some Themeda & Eriachne. Base with
sp.9, Triodopsis Malacostachys, Macrotona sp.4,
mixed shrubs Euc. camaldu. & paperbarks.
Cypress sp. on sides below upper crest. with
odd Ficus sp.
29560t Returned along track to
Wittenoom.
29569 = 29554
29609 Wittenoom.
29610 Wittenoom Gorge Mine end of road
Triodia basedowii, Goodenia sp.9, Pearsonia
29612 Gorge Euc. Terminalis Grevillea
rubescens, Valanga irregularis, Strophis sp.1, Adriaffera
mixed Acacia & Cassia shrubs. Triodia
sp.4, Happarana sp.2, H. sp.3, Eragrostis scintus
& Eragrostis. Scattered Atalaya.

30

29618 N. Hereom: - left for Nhekatharra
Buforania rufa, Stropio sp.1, Desertania
29635 An area of mixed A. aneura
longirugga, Macrotona sp.13, M. sp.15, M. cervi-
cae brevifolia, and miscellaneous low
costalis, Genus nov. 14 sp.1, Eremophantas quadrilobus,
Acacia shrubs over Triodia on stone
Calopsa sp.3, Genus nov.12 sp.2, Genus nov.95 sp.1, Genus
pavement, nov.91 sp.1, Peakesia rubescens.

29640 Pt. Hedland Turn off.

29643 Camped. at light. 7pm - 11.30 pm

25-4-63

29643 Departed. 8 am
Happargha sp.2, Macrolobalia callata, Eastrimargo
29647 An area of A. aneura with scattered
muricus, Androppus sp.4, Stropio sp.1, Genus nov.
Euc. spp (terminalis ±) with Cassia eremophila
12 sp.2, Monistria pilosa, Desertania longirugosa,
and miscellaneous Acacia shrubs over
Perpulia sp.8, Calopsa sp.3, Macrotona cervicostalis,
Triodia sp. Sida sp. common along road
M. sp.13, M. sp.9, Peakesia rubescens, Genus nov.9 sp.1,
side Odd Eragrostis sp (thin fine sp) on
Genus nov.95 sp.5 [for more see copy]
odd patches of stone.
Austroriograttaria, Stropio sp.1, Adlappa
29657 Open Triodia sp. stoney area with
erythroptera, Buforania rufa, Macrotona cervicost-
occasional scattered Mulga & small Acacia
alis, M. sp.13, Desertania longirugosa, Septian two
shrubs. Some Cassia sp. but sparse. quadrilobus
Androppus sp.4, Macrotona cervicostalis, Europhis sp.
29667 Stoney plain area leaning Euc (mallee
form: gamophylla?) with scattered Acacias.
Holly-like shrub to 12 ft. old watercourse
Triodia sp. Small stoney hill to 60 ft

"island-like" in the area.
Austrocio guttulosa, Eucophleo sp. 3, Genus nov.

29679 Open Inodea plain of desert loam
95 sp. 1, sp. 5, Acrotona curvicostalis, M. sp. 18,
with top surface of fine ironstone sand.
Acacia longifolia, Peakezia retiocens
Occas. Eue terminalis, "Holly-like" shrub,
and Grevillea sp.

29688 Creek crossing or River
Adriophus sp. 4, Stropio sp. 1, Desertaria
Drought & over grazed area. Eue camaldulensis
longifolia
Lining banks with occas. Atalaya.
Marshy plant debris & some Salsola kali.

29690 Depression area wide but shallow
Austrocio guttulosa, Gastrimargus musicus,
bearing A. victoriae scattered A. arenaria
Acrida conica, Adriophus sp. 4, Heteropternis,
some Cassia eremophila over a thick
obscurella, Calcopa sp. 3, Macrotona curvicostalis,
tall stands of Pomicum sp. Area partly
Desertaria longifolia
green. T 29700 Homestead

29701 On area of A. arenaria on desert
Calcopa sp. 3, Eupsalis quadrilobus, Desertaria
loam & stone. Little ground cover except
longifolia, Adriophus sp. 4, Caprocca sp. 3,
for very sparse Panic sp. Sida and
Happarana sp. 2, Stropio sp. 1, Macrolobalia callata
patches of Aristida arenaria.

29711. An area of quartzite stone and
Desertaria longifolia, Bufolania rufa, Austrocio
A. arenaria desert loam On stone Eue,
guttulosa, Genus nov. 69 sp. 2, Scambiloria sp. 4,
Terminalis and brevifolia as scattered
Happarana sp. 2, Macrotona sp. 13, M. curvicostalis,
Genus nov. 12 sp. 2, Genus nov. 71 sp. 1, Genus nov. 95
sp. 6

Trees over Triodia. Little under A. aneura except for sparse Triodia clumps and a white-grey bush to 2 ft. (hairy tomentosa) Monstria? of from this.

29722 Dense stand of A. aneura on desert loam; with the odd tree papuana? (Eremofolia) Scleroglochin quadriloba, Captotzela sp. 3, Cassia nemophila and A. tetragonophylla. Enneapogon Paniceum sp. 2, Sporobolus sp. 1, Coltrepa sp. 3, Maireana oscillata a Sporobolus sp the domenant grasses on a thick stand (green). ~~Eremophila~~ Cassia eremophila? as a sporadic shrub.

29735 An area of A. aneura and Acacia with odd tree. dichromophloia? on desert loam with occasional Barkeya Lorea. Triodia irritans as widely spaced tussocks. & Some Paniceum, Sporobulus? and Aristida arenaria in lower depression areas. Area, dry.

29739 Janer Rd. at Roy Hill

29749 Camped; at light. 8pm - 12.30 a.m.

26-4-63 Departed 29749

29751 Open area of Triodia sp on scattered stone, with scrubby A. aneura, Cassia

sp = Eremophila Duttonii ? (Monstera-like spec on Cassia + Eremophila). Patchy Aristida arenaria present but much bare ground.

29762 Open Triodia sp plain (long soft, narrow leaf) with very sparse Acacia sp as a shrub and odd Grevillea sp. Some Sida Aristida Desfontainia longiungosa, Genus nov. 64 sp-1, Genus nov. 95 sp-1 pruniosa, and arenaria along roadside. Macrotoma sp-18, Paraglumum nigripes, Amphiacris

Odd Eragrostis over page. Gonialoa australiae, Retidaconica, Stropis sp-1,

29773 Creek or River bearing East canalb. Adriophora sp-4, Macrotoma cymbifolia, Desertaria Approaches to stream with Euc terminalis longiungosa, Sclerantus quadrilobus, Gonialoidea sp-9, and miscellaneous Acacia shrubs including Genus nov. 95 sp-5, Genus nov. 91 sp-1, Peptoschoenus A. tetragonaphylla. Mixed grasses & herbs; scirpus all dry.

29782 Triodia sand plain bearing Adriophora sp-2, Desertaria longiungosa, Stropis scattered Euc terminalis and Grevillea sp. sp-1, Paraglumum nigripes, Macrotoma sp-18, Genus Sida sp Eragrostis spp common along nov. 57 sp-1 roadside. Rest of area pure Triodia. Triodia most part dry; Sida + grass spp. green.

29790 Creek or River Course; Genus nov. 60 sp-3, Genus nov. 95 sp-5, Genus nov. Stony hill adjacent Triodia basedowii 71 sp-1, Calotis sp-3, Stropis sp-1, Acacia rhodoxylon, dominant cover with scattered long Genus nov. 14 sp-1, Desertaria longiungosa; sphyllode Acacia left in gully grass Macrotoma sp-18.

Cateispa sp.3, Caparascula sp.3, Acacia

29795 Stoney hill - outlier to Ophthalmia
Range. Triodia covered with scattered
Capparis sp-3, Bauhinia rufa
Acacia shrubs and stunted A. aneura. Odd
Eremophila Duttonii on rocky crest. Area
drying off.

29800 A. aneura stand with scattered
Capparis sp.3, Stropis sp-2, Genus nov. 95
sp.5, Genus nov. 91 sp.1
Cassia sp with an understory of mixed
Aristida & Eragrostis spp. dry.

29809 River Creek leading straight up
Chortoicetes terminifera, Macrotoma sp.111,
to limestone quartzite hills bearing
Wagrahunga sp.(j), Cateispa sp.3, Genus nov. 91 sp.1,
scattered A. aneura and Cassia eremophila;
Genus nov. 12 sp.2, Dissertaria sp.6, Stropis sp-2,
Enneapogon & paper-leaf daisies with dry
S-sp-1, Bauhinia sp.1, B. rufa, Pardillana sp.9,
Cassia sp formed ground cover. A. aneura
Sphingomorpha erythropleura, Caparascula sp-2,
from river on down slope of hill Triodia
Capparis sp-3, Ulmia gutbulosa, Acacia
rubescens
sp dominant (fine-leafed acf sp).
Warranunga 6 nymphal.

29823 Mixed A. aneura, Eucalyptus
Genus nov. 91 sp.1, Genus nov. 91 sp.1, Dissertaria
over mosaic pattern of Triodia and
longimucronata, Stropis sp. 1, Macrolobalia aculeata,
grasses. Cassia eremophila and Acacia
Caparascula sp.2
spp forming a shrub strata. Grasses
dry mainly Eragrostis sp.

4

29934 Mundimmedi (New)
Macrotonge sp. 11, Genus nov. 95 sp. 5, Acacia
Eue. Fernandis on limestone outcrop
longifrons
overlying Triodia and Cassia eremophila.
29844 Stoney Creek.
29847 Stoney hill bearing A. aneura
Grevillea variobora, Genus nov. 71 sp. 1
with Eremophila Duttoni and Cassia
eremophila + Eremophila sp. (shrubby woody
white-grey woolly foliage) On bare stone
on ground. Specimens from Eremophila
Duttoni.
Warrungbapicta, Genus nov. 82 sp. 1
29851 Camped. at light. 7pm - 11.45 pm

27-4-63 Departed 29851.

29854 Scrub area of A aneura with
Legumenov. 71 sp. 1, Rostraria gutturosa,
scattered tree sp (white bark small scrub
Capparis sp. 2, Skopia sp. 2, Ursinia gutturosa.
leaves) A. tetragonophylla as dominants
Dodonaea longifrons. Pyrgotheca sinuata
Eremophila Duttoni and small woody shrubby
plants (white-grey leaf) as shrub cover. Cover
cover practically nil; odd plants of Aristida
sp. Macrotona sp-18, Genus nov. 95 sp. 4, Genus
29864 Scattered A aneura over Triodea sp.
nov. 71 sp. 1
on stony soil. Scattered Eremophila Duttoni
and Cassia sp. as shrub layer. No grass cover. Dry.

Capparola sp. 2, Urmisa pittulosa, Genus nov.

29872 Mixed Acaena stand fine, 82 sp.), Corysbiopsis tyricola, Stropis sp. 2,
weeping & broad leafed form with lower Genus nov. 15 sp. 5, Pycnostachys Kirkiana
Acacia sp as shrubs. Some Eragrostis setifolia
Trichanium spp and Aristida sp as scattered
plants. Triodia appears in clumps throughout.
Area hazing off.

29883 Turn off to Bulloodens, Prairie H. S.
Macrolobalia ocellata, Genus nov. 82 sp. 1,

29883+ Slight depression bearing Buforania sp. 2, Adrippes sp. 1, Stonia cirtula sp. 9,
Acaena on a patchwork of stones. Both Capparola scabra, C. sp. 2, Tephrosia quadrilobus,
broad narrow leaf form. In mulga thickets Genus nov. 92 sp. 1, Genus nov. 91 sp. 1, Cateopa sp. 3,
a Chenopod present. Little grass but in Gryadris variolosa, Genus nov. 77 sp. 11
patches Aristida arenaria. New genes in
very numbers.

29896 Acaena - A. Tetragenophylla, with Genus nov. 95 sp. 5, Chrysocoma tephrinifera, Acrida
scattered Eucpapuana? Odd Hakea intermedia conica, Macrolobalia ocellata, Zonaea australasiae,
and occasional Eremophila Duttoni, Stropis sp. 1, Berrigia sp. 2, Genus nov. 71 sp. 1, Apotropis
Short carpet of Eragrostis spp. Aristida sp. vittata, Gryadris variolosa, Genus nov. 91 sp. 1, Genus
Dactyloctenium radulans and prostrate blue nov. 69 sp. 1, Genus nov. 57 sp. 1, Macrotoma sp. 12,
grey flowering dicot. Specimens again Dicentraria longirangosa, Austrojeta tricolor,
numerous. Many skeletons of grasshoppers Capparola sp. 2, C. sp. 4.
present.

Aranuyunga sp. PW12, Warramaba picta (?)(j).

29909 A. aneura association on sand plain with Triodia as ground cover. Some Aristida & Eragrostis spp as patchy grass cover. Senna sp. as an occas. Native poplars in drainage along roadside.
Genus nov. 9 sp. 1, Dicrastylis longifolia, Stipa variabilis, Maireana sp. 15, Stipa sp. 1, Genus nov. 57 sp. 1, Macrobalia ocellata, Goodenia sp. 9, Genus nov. 6 ca sp. 1, Capparis sp. 4

29923 Stony plain adjacent to creek Creek lined with Eucalyptus with Triodia & Eremophila Duttoni on upper gradient of bank. High ground with Eragrostis xerophila, Cassia sp. 3, Genus nov. 81 sp. 2 Grevillea striata and A. aneura of dry Aristida arenaria.
Warramaba sp. PW18, Genus nov. 71 sp. 1, Acacia sp. 4, Genus nov. 82 sp. 1, Dicrastylis longifolia, Maireana sp. 14, Genus nov. 93 sp. 1, Stipa sp. 2,

29934 A. aneura area on fine pebble to coarse sandy soil. Both narrow & broad leaf form with Grevillea intermedia. Thorn-bush like acacia (African); acacia sp. sp-5
Eremophila scoparia, Capparis sp. 2, Maireana sp. 15, Genus nov. 64 sp. 1, Genus nov. 95

Triodia occurs in patches & nest in mosaic form with short Eragrostis species. Some Eragrostis xerophila present but in scattered tufts. Area dry.

29944 Refuse: 3 Rivers Rd.

29948 A. aneura trend both narrow & broad leaf forms on fine ironstone sand soil, mosaic of bare ground, Triodia
Genus nov. 91 sp. 2, Macrobalia ocellata, Genus nov. 82 sp. 1

and grass. The latter comprising Eragrostis spp (unspecified). Eremophila sp (woody shrub to 3 ft, white grey foliage (similar to chenopod). Area dry.

29956 Camped; at light 5·30pm. Maerotobalia ovillata 7pm – 12·45 am

28-4-63 Departed Camp 29956

29962 Acacia, A. brachystachya, with large Atriplex sp-1, Genus nov. 82 sp-1, Atriplex spp, Eragrostis spp, Enneapogon early dark red Acacia sp, Genus nov. 91 sp. 2, sp-1, Troggolithia griffithsa, on sandy soil. Area adjacent to creek line Australia, Capparis sp-4, Genus nov. 93 sp-1, bearing Euc. rostrata & Ti-tree sp. Trees, Adriappus sp-4 skeletons of grasshoppers in countless hundreds.

29962 Creek.

29971 Wash area on quartzite stony flat. Capparis sp-2, Genus nov. 31 sp-1, Atriplex sp-2, bearing scattered Hyrellia stricta, odd Capparis sp-3, Genus nov. 91 sp-1, Genus nov. 60 Euc sp. A. tetragonophylla, Cassia eremophila sp-3, Genus nov. 93 sp-1 Eremophila Duttonii occas. A. amara ob

an open scrub area. Enneapogon sp forms dominant dense matt. More stony areas less well grassed. Dry.

29990 South Branch? Wide creek area with Euc camaldulensis and Ti-tree forming a wide

Bernuia sp. 2, Acacia longifolia,
Pardillana sp. 9, Austrocynoglossum,
Adenanthos sp., Chorizema ilicifolia,
vegetation area between banks (Area shallow)
Trigonotheca australis, Nicotiana rotundifolia,
Grasses of many species plus Sida spp.
Pogonolithus schultzii, Sphenotoma lophantha,
present on ridges between flow channels
Dysalletia macrantha, Caperonia sp. 4, Heteropterus
Area green. Odd Acacias & A. tetragonophylla
obscurella, Stropis sp. 2, Unisia gilberdina,
appear as scattered shrubs.
Genus nov. 91 sp. 3, Genus nov. 93 sp. 1
29996 Stony hill bearing A. aneura (black
Genus nov. 82 sp. 1, Stropis sp. 2, Genus nov.
bark) with odd patches of Thrixspermia sp.
94 sp. 1, Buforania sp. 7, B. sp. 2, Caparocala sp. 3,
Albase miscellaneous dry grass species.
Macrolobalia ovillata, Caperonia sp. 2, Bernuia sp. 2
Odd A. tetragonophylla.
Caparocala acuta, C. sp. 4, Macrolobalia ovillata,
30009 Creek bearing Eucamalda, A.
Adrepteros sp. 4, Caparocala sp. 3, Dysalletia
aneura A. tetragonophylla with odd Casuarina
longingba, Bernuia sp. 2, Stropis sp. 2, Genus nov. 91 sp. 2,
eremophila and occas Eremophila Duttonii.
Eggphantus quadrilobus, Genus nov. 93 sp. 1, Genus
Heavily grassed with miscellaneous grasses;
nov. 31 sp. 1
having off.
Genus nov. 82 sp. 1, Caparocala cunamurra, Hanamalia
30024 Stony hill in range bearing A. brachyst
picta, Macrolobalia ovillata, Caparocala sp. 2,
achia & several other Acacia sp. Eremophila
Buforania sp. 7, B. sp. 2, Genus nov. 31 sp. 1, Genus
Duttonii scattered throughout. Lower slope
nov. 91 sp. 2, Genus nov. 93 sp. 1
near roadside with debris of mixed grasses.

Dry
Genus nov. 93 sp. 1, Dysalletia longimgosa,
30040 Open stony or gravelly plain bearing
Stropis sp. 2, Corynotheca micrantha
A. aneura, A. tetragonophylla & Eremophila.

Dune in an open scrub formation.
Ground densely clothed in Eragrostis sp. to 6".
Area dry. Skeletons of stone species numerous.

30084 Meekatharra.

Caperonia sp. 2, Genus nov. 94 sp. 2, Genus
30095 A. aneura on small weathered nov. 82 sp. 1, Macrolobia oallata, Genus nov.
knoll. Small Acacia as shrubs. Some 89, sp. 1
thin grass cover of Aristida & Calandrinia
(paralkely a). Area laying off.

30108 Camped 5·20 pm 7 pm – 11·45 pm

29-11-63 Departed 30108

Genus nov. 95 sp. 4, Genus nov. 94 sp. 2, Genus nov.
30105 Area of A. aneura on desert loam
89 sp. 1, Stropio both sp. 2, Genus nov. 82 sp. 1,
Seral form ~~[illegible]~~ narrow & broad-leafed Macrolobia oallata
forms. Ground cover [illegible]; drying off.

30121 Stony range area bearing A. aneura
Macrolobia oallata, Genus nov. 82 sp. 1, Aristida
A. brachystachya Acacia orites? and
sp. 4, Stropio sp. 2, Eriachne sp. 2, Genus nov. 91
A. ligulata. Some scattered Kochia sp.
sp. 2, Caperonia sp. 2, Genus nov. 31 sp. 1, Genus nov.
& Eremophila sp. Grass debris on scattered
93 sp. 1
areas then stand & dry.
Genus nov. 82 sp. 1, Macrolobia oallata, Aristida

30132 A. aneura association on part stony
sp. 4, Stropio sp. 2, Caperonia sp. 2, Genus nov. 31
area largely bare ground between
sp. 1, Genus nov. 94 sp. 2, Genus nov. 93 sp. 1
tree clumps. Eremophila Dune

scattered throughout. A. interiorie as odd trees.

Genus nov. 31 sp-1, Genus nov. 95 sp-4, Macrola sp. 8,

30141 Acacia scrub including aneura
Genus nov. 93 sp-1, Capenala sp. 2, Macrolobglia
interiorie and other species as shrubs. Eragrostis
ocellata, Genus nov. 82 sp-1, Aristopus sp. 4, Genus
setifolia in patches with miscellaneous chenopods
nov. 91 sp. 2
under larger tree canopies. Corphostes, new
genus Macrolobalia all in high numbers
Macrolobglia ocellata, Genus nov. 82 sp. 1,

30157 An area of dead A. aneura with
Stropis sp-2, Genus nov. 31 sp. 1, Genus
odd living tree of A. interiorie. Eragrostis.
nov. 95 sp-4, Caperala sp. 2
sp dominant ground cover over pebbly
surface. Area green.
Macrolobglia ocellata, Genus nov. 82 sp. 1,

30171 A. aneura associated on desert
Caperala sp. 2, Aristopus sp. 4, Genus nov. 93
loam. Odd A. interiorie & tetragonophylla
sp. 1, Apotropis wittata, Genus nov. 91 sp. 5,
Eragrostis sp in one axe pattern with
Stropis sp. 2, Genus nov. 31 sp. 1
bare ground. Recent rains brought out
many ephemeral flowering composites &
parakeelya.
Sepharticis quadrilobus, Apotropis wittata,

30188 Creek lined with tree canopy of
Buforania rufa, Gouiaca australasiae,
restrata with miscellaneous grasses & dicots
Stropis sp. 2, Caperala sp. 2, Genus nov. 91 sp. 1
area green.

30203 Wilcannia

30-4-63 Left Wilcna 30203 62
Macrobalia oallata, Baforaija sp.2
20263 A. aneura on sand plain

30318 Agnew

30405 Leonora
Corypholys nicola, Genus nov. 82 sp. 1,
30423 A. aneura on desert loam with
Macrobalia oallata, Stropis sp.2, Pespulia sp.4,
both narrow & broad-leafed forms. Mixed
Ptilusa gutturosa, Austrocistus trico lor, Micrcola
Acacia spp as shrubs with Eremophila
sp.8, Caperala sp.2, Apotropis villata, Genus nov
sp. (fine leafed silver) as low shrub stand
31 sp.1
Eragrostis eriopoda grass species in
sea Hered clumps & tussocks:
Proiifera sp. P27/74(?) Genus nov. 31 sp.1, Caperala sp.2
30433 Camped. at Light. 7pm 10.45 pm

1-5-63 Departed 30433
Caperala sp.2, Ptilusa gutturosa,
30437 An area of A. ligulata over
Septanthus quadrilobus Stropis sp.2, Qualetta
Kochia sedifolia on pebbly quartzite
maculata
sandy soil. Odd A. aneura. Thin grass
stand.
Goniacoidea sp.9, Stropis sp.2, Caperala sp.2,
30457 A. inflexus scarce on uneven
Corypholistes varicola
sandy loam. Odd A. aneura with
patches of Kochia (pyramidata?). Dry
grass stand throughout area.

30473 Menzies

Corypphites nicolai, Gonicea vocans, 63
Caprysala sp.2, Upsisa guttulosa, Desertania
sp.

20502 Casuarina - Acacia scrub with
Longinopsis, Stropis sp.1, Genus nov.95 sp.
Eucalyptus. Some small shrubby species
with areas of Stipa. Nymphs numerous.

30556 Kalgoorlie

30690 Norseman
Gonicea vocans, Stropis sp.2

30698 Campbell. 7.00 pm - 8 pm.

2-5-63

30698 Departed.

30828 Balladonia

30970 Cocklebiddy
Acherusiuma sp.P33, Genus nov.32 sp.,

30997 A. Calcicola Atriplex nummularium.
Beplessia sp.2, Austrojycetes nullarborensis
A. vesicaria grasses. Miscellaneous mixed
nymphs (numerous).

31031 Madura. off Main Rd 1 mile.

31058 Campbell 7 pm - 8 pm.

3-5-63

Typpaya zeptiocistata, Austrocicada pusilla.
31058 Bluebush plain with scattered
Beplessia sp.2
A. Calcicola. Small green plant (Centipedea
sp?).

31148 Eucla.

31151 Eucla (New)

31156 Area of Eucla (mallee) x Ti tree with Proiflora spalmer, Keyaeris sp. P110a, Spotrospis vittata, Phaulaendium sp. 3, small Keaeris like shrub. Keyaeris x moraloria Monisonia sp. from shrub.

31210 Achyrinina sp. P33, Genus nov. 95 ochracea H. sowdenii over A triplex vesicaria remnants of short stipa sp. growth.

31214 Kanaldoa

31278 Nullabor.

31307 Dry Tanks

31346 Camped 7pm - 8pm.

4-5-63 Departed 31346